BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 1000000.00

Name of Work: Estimate for Providing Street Signage Board in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Providing and fixing RCC name board of size 1.35xk0.60x0.04 mtrs fixed in reinforced cement concrete poles of size 0.10x0.10x2.60 mtrs in cement concrete 1:1 $^{1/2}$:3 proportion using 20 mm and down size graded metal machine mixed with 10 mm dia main steel bars and 8mm dia stripes show in drawing the board shall be provided with 12 mm thick cement plaster in cement mortar 1:3 on both the side, the poles shall be 1:3:6 proportion, the board shall be fixed as per the drawing and at the place indicated by the engineering charge of the work, the cost includes excavation, cost of all materials, cost of steel, centering, transportation, charges, fixing charges etc, the work shall be carried out as per the detailed specifications, drawings and directions of the engineer in charge of the work, **No. 256 / Item No. 37.60 PWD SR 2014-15**	Each							
			1	80			**80.00**	5184.00	**414720.00**
	Basic Rate	4800.00							
	Area Weightage @ 8%	384.00							
	Total	**5184.00**							
2	Providing and fixing sign board of size 60x60cm equilateral triangle using M.S sheet 5 mm thick with RCC pole of size 0.15x0.15x2.3 mtr made out of cement concrete 1:1$^{1/2}$:3 proportion using 20 mm and down size graded metal machine mixed with 10 mm dia main steel bars and 8 mm dia stirupps as shown in drawing, the poles shall be embedded in the ground for a depth of 0.6 mtrs with cement concrete 1:3:6 proportion, the board shall be fixed as per drawing and at the place indicated by the engineering charge of the work, the cost includes excavation, cost of all materials, cost of steel, centering, transportation charges, fixing charges etc, the work shall be carried out as per the detailed specifications, drawings and directions of the engineer in charge of the work, **No. 256 / Item No. 37.61 PWD SR 2014-15**	Each							
			1	80			**80.00**	3780.00	**302400.00**
	Basic Rate	3500.00							
	Area Weightage @ 8%	280.00							
	Total	**3780.00**							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRB 2-2.2 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, **in Hard soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, **Page No. 5 / Item No. 2.3/ PWD SR 2014-15**	Cum							
	Sign Boards		160	0.60	0.60	0.90	51.84		
							51.84	264.60	**13717.00**
	Basic Rate	245.00							
	Area Weightage @ 8%	19.60							
	Total	**264.60**							
4	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km	Cum							
				Vide Item No. 3			**51.84**	73.57	**3814.00**
	Average weight of earth 1.28 tonne / kg for 2.00X1.28X2.00 = 5.12	5.12							
	PWD SR 2014-15 (P.130 / I.17.1) For loading and unloading	63.00							
		68.12							
	Area Weightage @ 8%	5.45							
	Total	**73.57**							
5	KSRB- 4-1.5 : Providing and laying in position plain cement concrete of **mix M20 with OPC cement @ 300 kgs, with 20mm** and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregares @ 0.43 cum with superplastisiser @ 3lts confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2, **No. 12/ Item No. 4.5/ PWD SR 2014-15**	Cum							
	Sign Boards		160	0.60	0.60	0.50	28.80		
							28.80	5852.52	**168553.00**
	Basic Rate	5419.00							
	Area Weightage @ 8%	433.52							
	Total	**5852.52**							

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	KSRRB M800-11.1: Painting lines, dashes, arrows etc, on roads in two coats on new work :- painting lines, dashes, arrows etc on roads in two coats on new work with ready mixed road marking paint conforming to IS:164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at the and traffic control complete as per specification, i) over 10 cm in width, MORTH specification No. 803, **No. 178 / Item No. 24.11 / PWD SR 2014-15**	Sqm							
	Sign Boards		2x160	1.60		0.65	332.80		
			2x160	1.00		0.60	192.00		
							524.80	116.64	**61213.00**
	Basic Rate	108.00							
	Area Weightage @ 8%	8.64							
	Total	**116.64**							
7	KSRRB M800-9: Painting new letter and figures of any shade with synthetic enamel paint block or any other approved colour to give an even shade complete as per specification, ("ii) Hindi (Matras commas and the like not to be measured and paid for half letter shall be counted as half) MORTH specification No. 803, **No. 178 / Item No. 24.9 / PWD SR 2014-15**	Cm							
			1	35000			35000		
							35000	0.70	**24570.00**
	Basic Rate	0.65							
	Area Weightage @ 8%	0.05							
	Total	**0.70**							
8	Sub Total								**988987.00**
9	QC Charges @ 1%								**9890.00**
10	Miscellaneous charges								**1123.00**
								Total	**1000000.00**

(Rupees Ten Lakhs Only)

Technical Sanction for Rs. 10.00 Lakhs Ten Lakhs only accorded under Item No. P-1771 registered as EE Pool. Subject to conditions contained enclosed memo. No: AS/EE/67/14-15 29/10/14 AEE EE (Pool Div.)

Technical Sanction for Rs. 10.00 Lakhs Ten Lakhs only accorded under Item No. 64/14-15 Registered as EE Pool. Subject to conditions contained enclosed memo. No: 15/EE/164/14-15 Dt. 29/10/14 AEE EE (Pool Div.)

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2014-15.
3 This work included under 2014-15 POW Grant.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division